

Goals & Objectives

- 1. Economic Development
- 2. Institutional Governance & Policy
- 3. Environment
- 4. Education
- 5. Quality of Life

2022 Presentation Schedule

DATE

February 1, 2022

March 1, 2022

March 29, 2022

April 26, 2022

May 24, 2022

GOAL

- 1. Economic Development
- 2. Institutional Governance & Policy
- 3. Environment
- 4. Education
- 5. Quality of Life

June 21, 2022 July 26, 2022 September 27, 2022 October 25, 2022 November 29, 2022

- 1. Economic Development
- 2. Institutional Governance & Policy
- 3. Environment
- 4. Education
- 5. Quality of Life

Presentation Team



Deborah E. Hall
Deputy County
Administrator



Deborah A. Carpenter
Director, Planning and
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Kelly Robertson-Slagle
Director, Economic
Development



Bernard Cochran
Acting Director, Public
Works

Frances Sherman
Chief of Environmental
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Environment

Charles County is protecting the environment by carefully managing its natural resources; conserving its forested, agricultural, and rural lands; ensuring clean waterways and shoreline, and responsibly managing its solid waste. Charles County is integrating climate change management practices, investing in renewable energy sources, and replacing infrastructure that will ensure a clean and sustainable water supply.

Conservation Programs

Conserve natural resource assets through sustainable forestry and agricultural/rural land preservation. Plan and implement climate change best management practices throughout county government operations.

Land Preservation

Forest Conservation



FINAL DRAFT

Planning Commission to hold its 2nd public hearing in spring of 2022 with final adoption by Commissioners expected in summer 2022.

PRIORITY AREAS

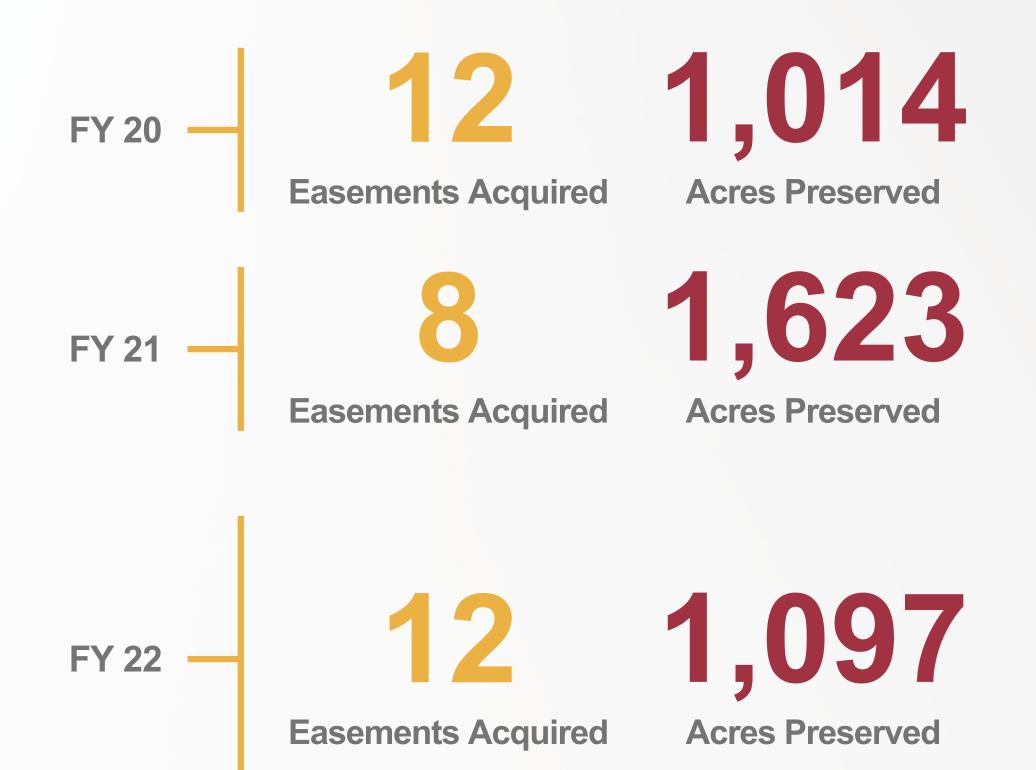
Final draft contains enhanced thresholds for forest retention

WORKSHOP

Hosted a Southern MD Forestry Workshop at the Charles Soil Conservation District Office on October 13, 2021 in cooperation with University of MD Extension.

AGRICULTURAL LAND PRESERVATION

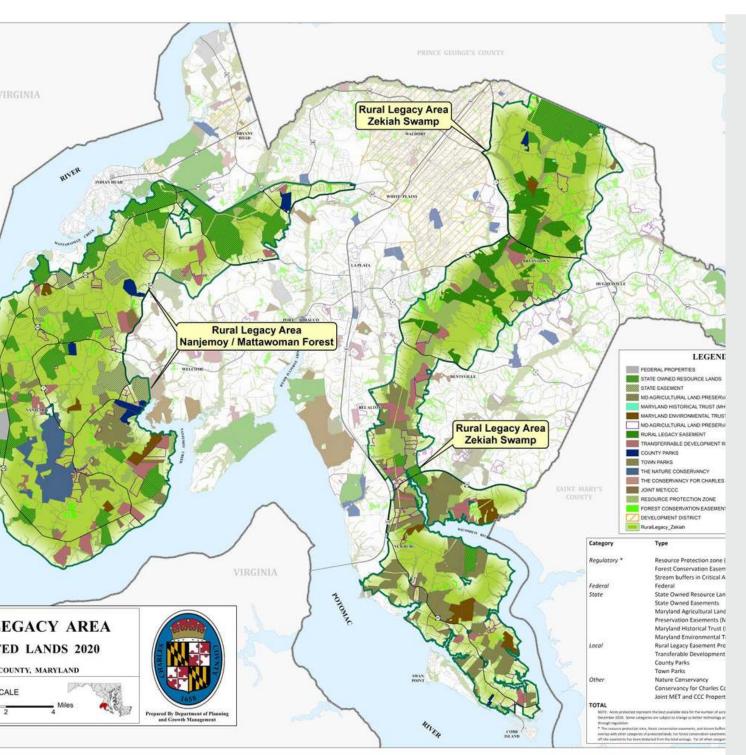




New applications due June 2022 for FY 23

LAND PRESERVATION

Rural Legacy Area Expansion



New Nanjemoy-Mattawoman Forest Rural Legacy Area was approved by MD Board of Public Works in December 2021 with a grant award of \$1,013,208.

Existing Zekiah Rural Legacy Area received a new grant award of \$1,280,000.

LAND PRESERVATION

Readiness & Environmental Protection Integration

- Established CIP budget for Readiness and Environmental Protection Integration (REPI) program.
- Zekiah Rural Legacy Area and Nanjemoy-Mattawoman Forest Rural Legacy Area include REPI-eligible land.
- Southern MD Resource Conservation & Development Inc. is working with County staff to appraise the first potential easement acquisition using REPI funds.

TRANSFERABLE DEVELOPMENT RIGHTS



151

TDRs transferred, purchased and retired

2021



TOTAL LAND PROTECTED



Climate Change Best Management Practices

CLIMATE CHANGE MANAGEMENT

FIRST PHASE OF CLIMATE ACTION PLANNING PROCESS

MOA with MWCOG signed in December of 2021

Part 1

Climate Resilience Plan for Government Operations

Part 2

Climate Action (Mitigation) Plan and Greenhouse Gas Emissions Inventory for Government Operations

Resilience Authority

CCG and the Resilience Authority hired Biohabitats in January of 2022 to conduct an assessment and prioritization of approximately 100 neighborhoods with stormwater drainage issues as part of the Private Stormwater Drainage Improvement Program.

CLIMATE CHANGE MANAGEMENT

Military Installation Resilience Review

Received 18-month grant in March of 2021 and launched initiative for Military Installation Resilience Review (MIRR) for NSF-Indian Head and the Town of Indian Head.

- 12 Stakeholder meetings with the Military, the Town of Indian Head and CCG Staff have been held.
- 3 Regional Collaboration Forums for MIRR grantees have been held.

ZEKIAH WATERSHED URBAN FLOODING ANALYSIS & SOLUTIONS



\$65,000

Grant awarded through the Community Resilience Grant Program (July, 2021)

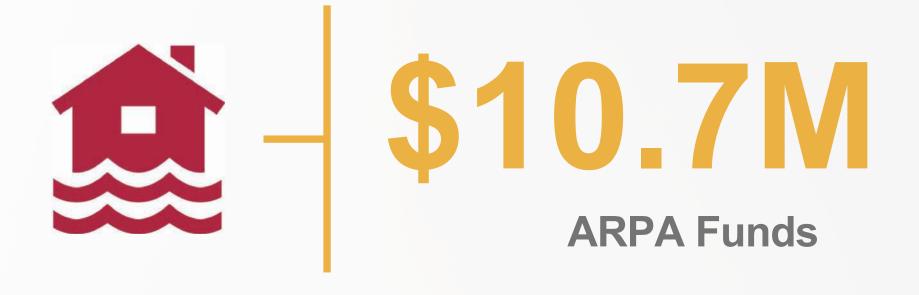
WESTDALE DRIVE STREAM PROJECT



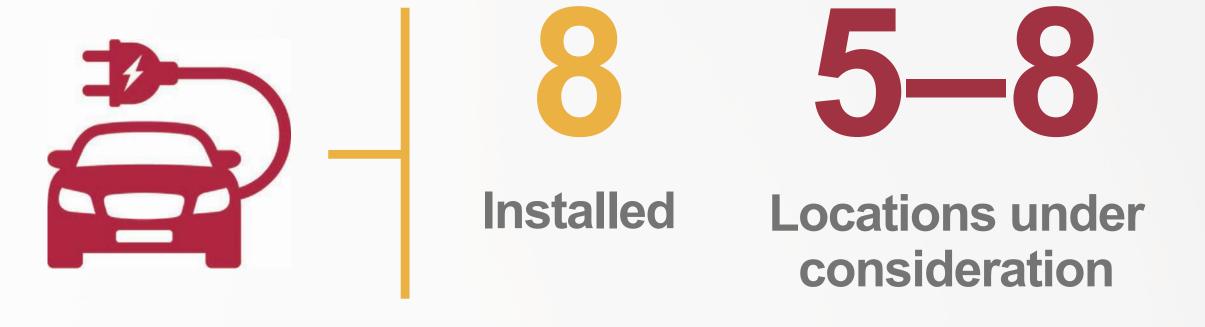
\$800,000

CDBG grant awarded (May, 2021)

STORMWATER PROJECT FUNDING



ELECTRIC VEHICLE CHARGING STATIONS



CLIMATE CHANGE MANAGEMENT

Chesapeake Conservancy Internship

Sponsored Chesapeake Conservancy Internship Program for flood mapping project with Towson University students. 5 participated in the program.



Staff Professional Development



83 staff positions designated for climate competencies.

Training is currently being developed for staff and will be rolled out in Spring of 2022.

Natural Resource Management

Manage natural resources effectively by investing in renewable energy, reducing stormwater runoff and expanding recycling.

Expand Solar Energy

ECONOMIC DEVELOPMENT

EXPANDED SOLAR ENERGY



ECONOMIC DEVELOPMENT

Maryland's Commercial Property Assessed Clean Energy Program

Always a good reminder, local property and business owners can take advantage of Maryland's Commercial Property Assessed Clean Energy (MD-PACE) program.



Increase Rainwater Collection

Increased Rainwater Collection



Tax credits and subsidies offered for the purchase and proper installation of rain barrels.

Dates for 2022 workshops established:

- April 23
- July 30
- Oct 22

Workshops include composting information 28

Expand Commercial Recycling

Commercial Recycling Facility

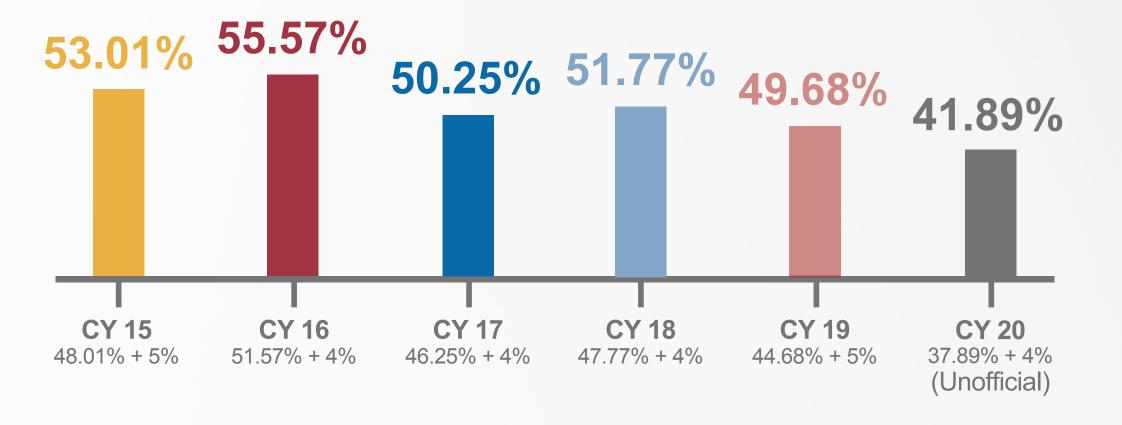


Charles County, Maryland

Ten-Year Comprehensive Solid Waste Management Plan (2022-2031) One new commercial recycling facility and one commercial recycling transfer station were opened in 2020-21.

Commercial recycling initiatives incorporated into approved 2022-31 Solid Waste Management Plan.

TOTAL WASTE DIVERTED THROUGH RECYCLING, REUSE, OR COMPOSTING



Reduce Impervious Surfaces

Reduce Impervious Surfaces

In FY21, 203 acres of impervious surface was treated including:

- Cliffton shoreline stabilization
- Cedar Tree and Best Buy pond retrofits
- General Smallwood Middle School bioretention
- Bensville Park dry swales, sand filter and reforestation.



Reduce Impervious Surfaces

In FY21, the first of three stream restorations in Ruth B Swann Park are underway.

Additional stream restorations beginning this year include:

- Hunt Club Estates
- College of Southern Maryland.



Environment Management

Ensure clean water through effective wastewater treatment and stormwater management.

Wastewater Treatement

Water and sewer regulatory compliance

0.24%

Violations vs. potential violations

93%

Preventative maintenance achieved as scheduled

43%

57%

Corrective work orders

Preventative work orders

WATER TREATMENT

Clean Water Supply

Four quarterly meetings held with PGM

95%

Compliance with flushing program

98%

Preventative maintenance achieved as scheduled

33%

V

67%

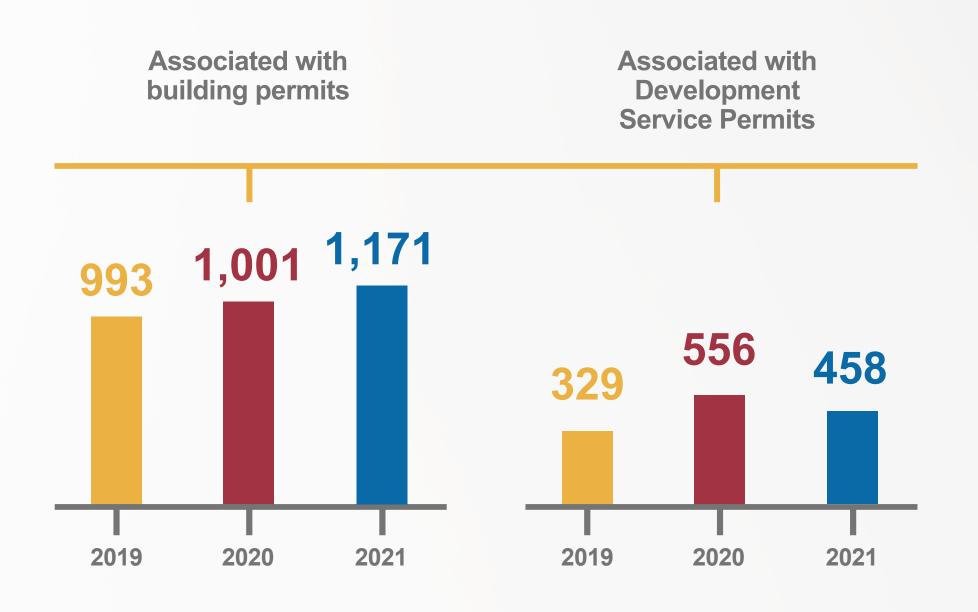
Corrective work orders

Preventative work orders

CLEAN WATER SUPPLY

Stormwater Management

STORMWATER MANAGEMENT CONSTRUCTION INSPECTIONS

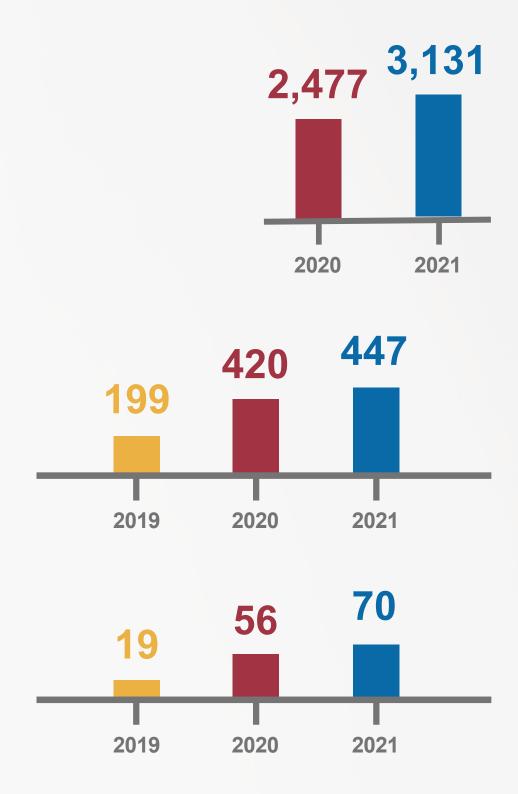


STORMWATER MANAGEMENT MAINTENANCE AND ILLICIT DISCHARGE

Stormwater Management Maintenance Inspections (Tracking began February 2020)

Request Cases in response to reported drainage, stormwater & illicit discharge cases

Illicit Discharge Cases Investigated (Tracking began June 2019)



Illicit Discharge Violation Examples



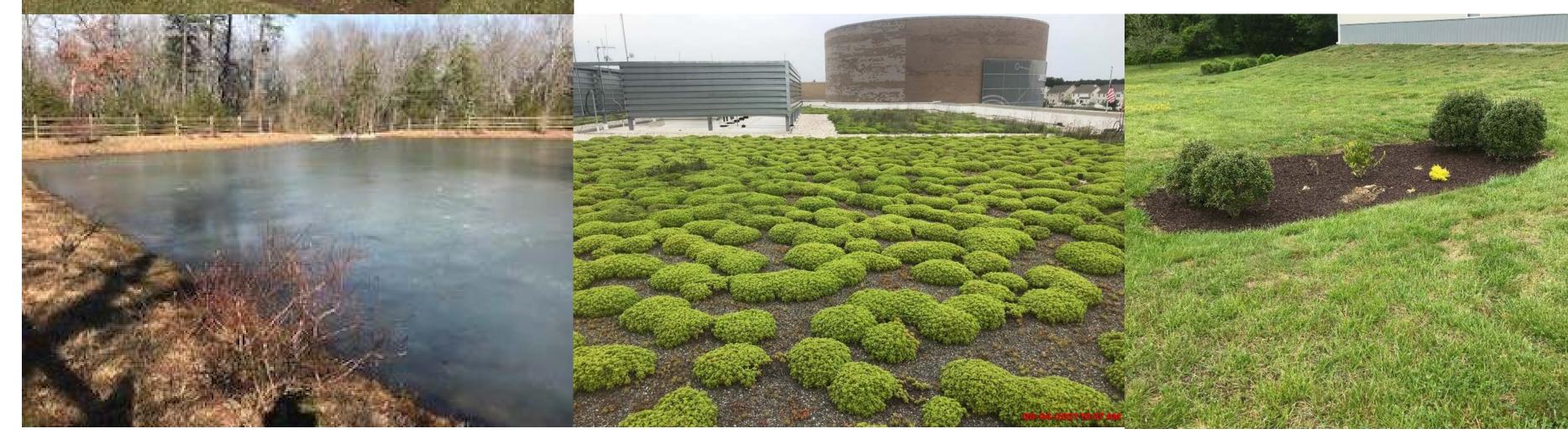
Drain from residential home discharged directly into County storm drain



Trash left uncovered creating illicit storm run off into our water ways



Well Maintained Stormwater Management Facilities





Charles County Government

200 Baltimore Street • La Plata, MD • 301-645-0550

Equal Opportunity Employer

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